

State/Cnty CORDWOOD WEIGHT CONVERSION FACTORS

The following weight conversion methods may be used in the conversion of weight scale to standard 128 cubic foot cord. The selected option should remain consistent for all sales on a specific property and not changed readily.

OPTION 1: Weight conversion factors established by the various mills may be used for billing purposes. The mill must be contacted to obtain specific conversions if they are not supplied on scale ticket receipts.

OPTION 2: The weight conversions in the following table may be used for billing purposes. If this option is to be used the weight conversion table should be included in the timber sale prospectus. Weights shown are for average cordwood size wood that is reasonably straight.

Factors for mixed cordwood may be developed by weighted average of cruise estimates based on species volume distribution and/or ocular estimate.

**CORDWOOD WEIGHT CONVERSION FACTORS
POUNDS PER CORD**

Species	Weight
Hemlock	4800
Tamarack	4650
Red pine	4500
Jack pine	4250
Balsam	4250
White pine	4200
Spruce	4000
Cedar	3150
White oak	5850
Red oak	5500
Hickory	5400
Yellow birch	5350
Hard maple	5100
Beech	5050
Elm	5000
Balsam poplar	4900
White birch	4800
Cottonwood	4650
Ash	4600
Soft maple	4550
Aspen	4500
Basswood	3850

Whole Tree Utilization

Adjustments for whole tree operations should take place as part of the bidding process. Cubic cruise may be used to generate variable utilization volume estimates for bidding purposes. If cubic cruise is not used, consult the Forest Products Specialist. For further information, see variable utilization bid on page 62-1.